

WHAT IS CLAIMED IS:

1. A stopper structure for an engine mount including an elastic body elastically connecting two mounting members, the stopper structure  
5 comprising:

a rigid abutting member connected to one of the two mounting members, and extending in a longitudinal direction with a substantially rectangular shape in cross section; and

a rubber stopper including: a base portion of tubular shape in cross  
10 section, and being secured press-fit onto the rigid abutting member without being adhesive to an superficial surface of the rigid abutting member; a pair of peripheral projections formed on laterally opposite sides of a first abutting plane of the base portion and extending in the longitudinal direction of the rigid abutting member; and at least one central projection  
15 formed on an intermediate area interposed between the pair of peripheral projections of the first abutting plane surface of the base portion,

wherein the pair of peripheral projections are situated above laterally opposite corners of a corresponding first abutting plane of the rigid abutting member, respectively, and have a width dimension extending  
20 inside and outside the corners of the rigid abutting member, and

wherein the at least one central projection projects outward from the first abutting plane of the base portion with a height dimension smaller than that of the pair of peripheral projections.

25 2. A stopper structure according to claim 1, wherein the base portion has a wall thickness dimension larger than the height dimension of the pair of peripheral projections.

3. A stopper structure according to claim 1, wherein the first  
30 abutting plane of the base portion is brought into abutting contact with an

abutting portion provided by a member connected to an other one of the two mounting member, upon application of a vibrational load to the engine mount in a bound direction.

5           4.       A stopper structure according to claim 1, wherein a direction in which the rubber stopper is inserted onto the rigid abutting member to be secured press fit thereon is conform to the longitudinal direction in which the pair of peripheral projections extend.

10           5.       A stopper structure according to claim 1, wherein the at least one central projections comprises a plurality of central projections, and the plurality of central projections arranged in at least one straight line extending parallel to the pair of peripheral projections.

15           6.       A stopper structure according to claim 1, wherein the at least one of the central projection is situated inside the laterally opposite corners of the first abutting plane of the rigid abutting member in the lateral direction.

20           7.       A stopper structure according to claim 1, wherein each of the pair of peripheral projections provides substantially flat abutting surfaces on a top thereof, and the at least one central projection has a cone-like shape.

25           8.       A stopper structure according to claim 1, wherein the stopper structure is arranged for a hanging type engine mount for automotive vehicles, the other one of the mounting members is connected to a body of the vehicle, and the rigid abutting member comprises an connector arm disposed below the engine mount and connected to the one of the two  
30 mounting members in order to hang a power unit from the one of the two

mounting members, and wherein the first abutting plane of the base portion of the rubber stopper is brought into abutting contact with an abutting portion provided on the body of the vehicle upon application of a vibrational load to the engine mount in a bound direction.

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